Common Sense Initiative, Automobile Manufacturing Sector

U.S. Automobile Assembly Plants and Their Communities: Environmental Economic, and Demographic Profile

Part III: Automobile/Light Duty Truck Assembly Plant-Community Profiles

4. General Motors Doraville, GA

December 1997

Contents and Guidelines for Use

Users of this profile should carefully review the description of methods, data limitations, and guidelines for use and interpretation of the data presented in Part I of the report.

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General Guidelines for Use

Efforts have been made to ensure that the data presented here are accurate. The Project Team could not independently verify data accuracy in all cases, however, and some errors may remain. The following is a partial list of factors that should be considered in using these profiles:

- 1. Current releases presented in this report represent only some of the contamination sources in a given area. Data on historical releases (prior to 1991) were not included, and releases from non-assembly plant emission sources were identified only through the Toxics Release Inventory (TRI). TRI data do not cover all sources of releases. Considering only TRI data for a given community may mis-state the relative contribution of plants and their neighboring TRI facilities to an area's total releases.
- 2. Care must be taken to distinguish true changes over time in environmental releases from apparent changes, due, for example, to changes in the scope of reporting requirements.
- 3. TRI data are often based on engineering estimates and are reported on an annual basis. Data on releases over shorter time frames are not available.
- 4. TRI, the Biennial Report and other databases do not include all substances and environmental releases of concern.

Notes on Comparisons Across Facilities

- 1. The following factors can affect an assembly plant's environmental profile, among other things: the number of vehicles produced, plant age, process equipment age, and vehicle size and configuration.
- 2. Some plants are highly-integrated, performing some parts and all assembly steps in-house. Others obtain parts from other manufacturing facilities, or share assembly operations with another plant.
- 3. States differ in how they define hazardous waste and how they treat recycled wastes and small quantity generators. Therefore, data on quantities of BRS wastes generated may not be comparable for plants located in different states.
- 4. Area-wide averages for economic and demographic characteristics may be better or worse measures of the plant's immediate community, depending on the specific location of a plant within the reporting area.

LOCATION 3900 Motors Industrial Way, Doraville GA 30360 DESCRIPTION Produced Olds Cutlass Supreme in 1994. Address latitude (degrees N) Lat/Long: 33 54' 15" longitude (degrees W) 84 17' 15" DeKalb MSA: Atlanta GA ID NUMBERS RCRA ID GAD003310810 County: Other counties within 3 miles of plant: Gwinnet, Fulton AIRS ID AFS1308900086 NPDES ID GA0001767 **OPERATIONS** Production Employment TRI 30360GNRLM3900M Calendar Year: 1991 105,151 1992 76,855 1993 101,073 1994 124,395 2,713

PLANT ENVIRONMENTAL PROFILE

RCRA BIENNIAL REPORT						Quantity	Quantity	Quantity	
Waste Code(s) 1991	Wastewater?	Physical Form	Source	Mgd. On/Off-Site	Management Method G		Shipped (tons)	Mgd. On-Site (tons)	
D001 (ignitable)	N	B209 org. liquids	A21 painting	Off	M061 fuel blending	64.6	64.6	0.0	
D001 (ignitable)	N	B211 org. liquids	A04 flush rinsing	Off	M029 solvents recov.	370.5	370.5	0.0	
D008 (lead)	N	B310 inorg. solids	A21 painting	Off	M132 landfill	3.9	3.9	0.0	
F006 (electroplating WWT sludges)	N	B502 inorg. sludges	A75 wastewater trt	Off	M132 landfill	283.3	283.3	0.0	
TOTAL - 1991 1993						722.4	722.4	0.0	
D001 (ignit.) F003, F005 (solvents)	N	B211org. liquid	A04 flush rinsing	Off	M029 solvents recov.	543.2	543.2		
D001, F003, F005, D035	N	B209 org. liquid	A21 painting	Off	M061 fuel blending	84.2	84.2		
D008 (lead)	N	B310 inorg. solids	A29 other surface prep	Off	M132 landfill	6.6	6.6		
TOTAL - 1993						634.0	634.0	0.0	
TOXICS RELEASE INVENTORY					-	24.24	24.24		
Total Harmat TDL at a start.	Air-Fugitive			Discharge		Off-Site	Off-Site	Off-Site	Total
Total Ibs of TRI chemicals: 1991	Emissions 154,943	Emissions 874,871	Releases 1,029,814	<i>to POTW</i> 100,626	Energy Recovery 429,745	Recycling 327,010	Treatment 17,373	Disposal 0	Transfers 874,754
	•	,		,	·	•			
1992 1993	76,966 103,142	422,418 717,046	499,384 820,188	64,081 46,500	431,761 350,960	288,363 692,843	10,812 41,220	0	795,017 1,131,523
1994	106,687	913,252	1,019,939	52,903	406,365	555,917	57,052	0	1,072,237
Lbs. per vehicle produced:	100,007	913,232	1,019,939	32,903	400,303	333,917	37,032	U	1,072,237
1991	1.47	8.32	9.79	0.96	4.09	3.11	0.17	0.00	8.32
1992	1.00					3.75	0.17	0.00	10.34
1993	1.02					6.85	0.41	0.00	11.20
1994	0.86					4.47	0.46		8.62

PLANT ENVIRONMENTAL PROFILE (continued)

1994 TRI Emissions/Releases by Chemical (lbs.)

	Air-Fugitive	Air-Stack	Total	Discharge	Off-Site	Off-Site	Off-Site	Off-Site	Total
Chemical Name	Emissions	Emissions	Releases	to POTW	,	Recycling	Treatment	Disposal	Transfers
METHANOL	2,277	27,640	29,917	0	914	0	5,178	0	6,092
N-BUTYL ALCOHOL	6,029	67,733	73,762	0	10,009	33,058	16,147	0	59,214
BENZENE	250	0	250	0	0	0	0	0	0
METHYL ETHYL KETONE	7,985	29,638	37,623	0	16,126	34,864	0	0	50,990
CUMENE	124	657	781	0	66	16	0	0	82
ETHYLBENZENE	6,878	56,523	63,401	0	65,676	41,088	0	0	106,764
ETHYLENE GLYCOL	3,427	250	3,677	1,692	0	0	0	0	1,692
METHYL ISOBUTYL KETONE	3,308	34,239	37,547	1,462	55,210	147,228	10,965	0	214,865
TOLUENE	11,233	35,295	46,528	0	16,933	33,628	2,244	0	52,805
PROPYLENE	1,301	0	1,301	0	0	0	0	0	0
XYLENE (MIXED ISOMERS)	58,854	654,765	713,619	0	241,380	266,035	0	0	507,415
GLYCOL ETHERS	5,021	6,512	11,533	49,499	0	0	21,617	0	71,116
ZINC COMPOUNDS	0	0	0	250	51	0	901	0	1,202
TOTAL	106,687	913,252	1,019,939	52,903	406,365	555,917	57,052	0	1,072,237
VOC/NOx Emissions:									
(lbs/year)	VOCs*	NOx							
1990	1,540,000	NA							
1991	1,663,600	NA							
1992	1,338,000	74,000							
1993	1,626,000	78,000							
1994	2,098,000	80,000							
.00 .		sted"* (1993 unadj. = 1,774	,000)						

COMMUNITY ENVIRONMENTAL PROFILE

TRI Chemical Releases & Transfers from Sources Within 3 Miles of Auto/LDT Plant (lbs.)

	Facility (w. map #)	Air-Fugitive Emissions	Air-Stack Emissions	Total Releases	Discharge to POTW	Off-Site Transfers	Total Transfers
1	LORAL INFORMATION DISPLAY SYST	0	0	0	0	0	0
2	B-LINE SYSTEMS INC.	0	0	0	0	0	0
3	CIBA VISION CORP.	0	0	0	0	0	0
4	ADDIMENT INC.	0	0	0	0	0	0
5	SCHNEE-MOREHEAD INC.	0	0	0	0	0	0
6	AT&T NETWORK CABLE SYS. ATLAN1	73,800	33,000	107,060	265	1,645,765	1,646,030
7	RECKITT & COLMAN INC. PRODUCTS	0	750	750	0	1,282	1,282
9	PLAID ENTS. DOVE PRINTING	0	0	0	0	0	0
10	AMERICAN SIGNATURE FOOTE & DAY	0	0	0	0	0	0
11	AUTO VENTSHADE CO.	0	0	0	0	0	0
12	BUNGE FOODS GROUP	0	0	0	264	0	264
13	LARIBEE WIRE MFG. CO. INC.	0	0	0	0	0	0
14	SOUTHEASTERN PAINT MFG. LTD.	0	0	0	0	0	0
15	WATTYL PAINT CORP. FORMERLY PF	2,390	49	2,439	206	33,402	33,608
16	VADCO MARBLE OF GEORGIA INC.	3,137	4,561	7,698	0	0	0
17	H & L ELECTRONICS	0	0	0	0	0	0
18	OXFORD CHEMICALS INC.	0	0	0	0	0	0
19	UNITED STATES GYPSUM CO.	0	0	0	0	0	0
20	FOOTE & DAVIES INC.	0	0	0	0	0	0
	Total	79,327	38,360	117,947	735	1,680,449	1,681,184

Air Quality Attainment Status (as of 1994)*

ozone - nonattainment (serious) carbon monoxide - attainment or unclassifiable

particulates - unclassifiable lead - unclassifiable

NO2 - cannot be classified or better than national standards

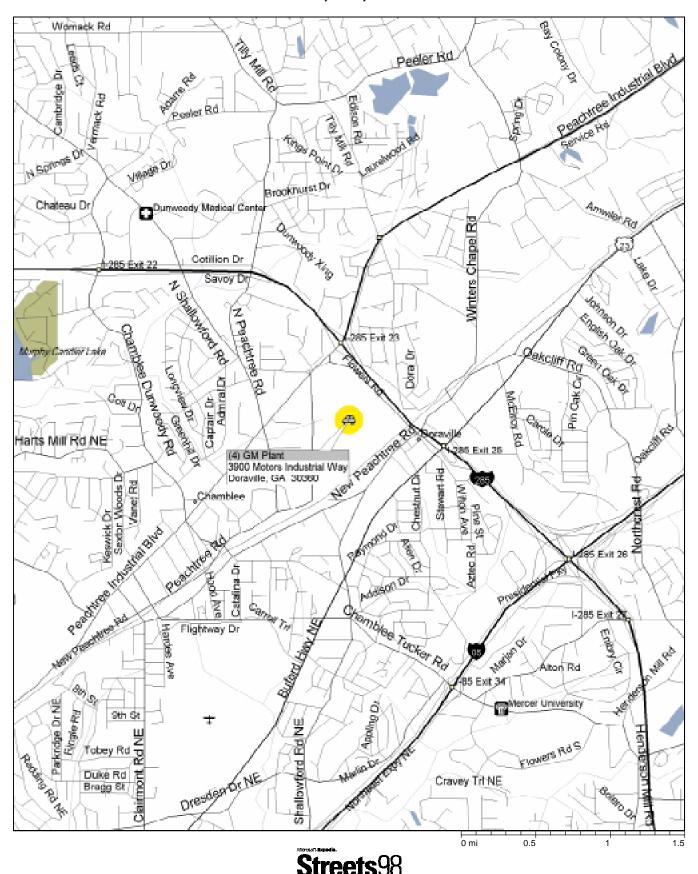
SO2 - attainment

^{*} no changes in designations occurred between 1994 and 1996

COMMUNITY DEMOGRAPHIC AND ECONOMIC CHARACTERISTICS

	Census Block	0-1 Mile	0-3 Miles	1-3 Miles	3-5 Miles	County	State	U.S.
Total Population (1994) Total Population (1990) % Change 1990-1994 Total Area (sq. mi.) (1990) Population/sq. mi. (land area) (1990) Median Household Income (1994)	NA 2,677 NA 1.4 1,900	NA 6,001 NA 3.1 1,920	NA 66,429 NA 28.2 2,382	NA 60,428 NA 25.1 2,440	NA 115,890 NA 50.2 2,360	577,772 545,837 6 268.3 2,034	7,055,235 6,478,216 9 57,919.0 112	260,340,990 248,709,873 5 3,536,278.1 70
Median Household Income (1989) % Change 1979-1989 (constant \$) % Change 1989-1994 (constant \$)						35,721 7 NA	29,021 15 8	30,056 7 7
Per Capita Personal Income (1993) Per Capita Personal Income (1989) % Change 1989-1993 (current \$) Minority Percentage (1990)	36	28	23	22	17	22,973 20,057 15	19,249 16,250 18	20,800 17,690 18
Pct. of Households Below Poverty Level (1989) Pct. Not Completing	13 25	11 22	10	9	7	20	20	20 25
High School (1990) Total Employment (1994) (civilian nonfarm) Unemployment Rate (1994)						346,016 5	3,566,000 5	131,056,000 6
Manufacturing Employment (1993) Mfgr. as % Total Employment (1993) Manufacturing Employment (1992) Production Workers (1992) % Change in Mfgr. Employment 1987-1992 Assembly Plant as % Total Mfgr. Workers						31,462 11 NA NA NA 9	567,029 21 556,000 394,000 -3	18,183,381 19 18,253,000 11,654,000 -4

Doraville, GA, GM Plant

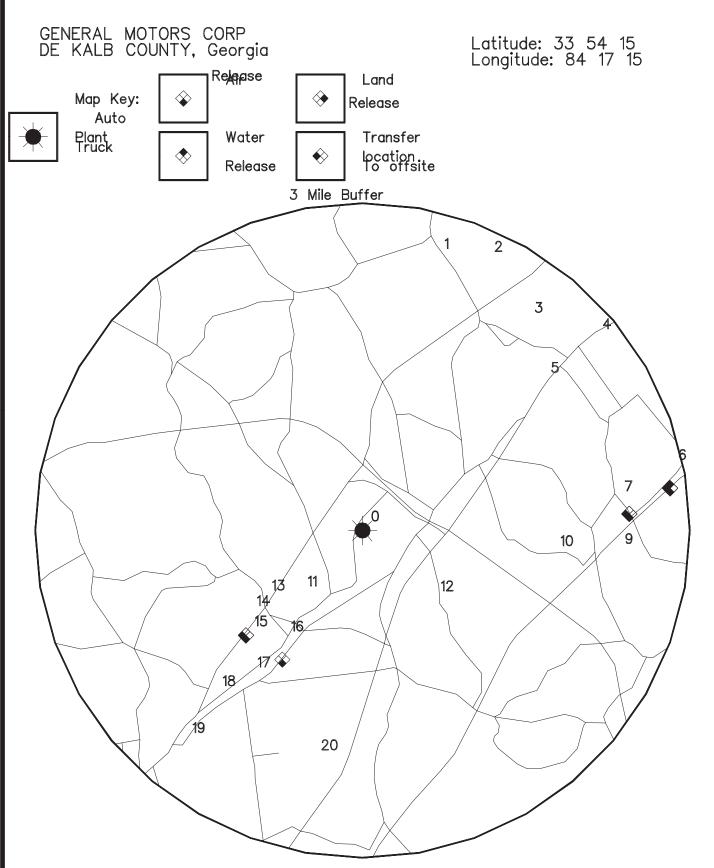


GENERAL MOTORS CORP 3900 MOTORS INDL WAY DORAVILLE GA

Tri Number: 30360GNRLM3900M

Map#	SIC Name	Address	City	State
0	3711 GMC N.A. OPS MIDSIZE CAR DIV.	3900 MOTORS INDL. WAY	DORAVILLE	GA
1	3812 LORAL INFORMATION DISPLAY SYSTEMS	6765 PEACHTREE INDUSTRIAL BLVD.	ATLANTA	GA
2	3317 B-LINE SYSTEMS INC.	6655 A CORNERS INDUSTRIAL CT.	NORCROSS	GA
3	3851 CIBA VISION CORP.	2910 AMWILER CT.	ATLANTA	GA
4	ADDIMENT INC.	6555 BUTTON GWINNETT DR.	DORAVILLE	GA
5	2891 SCHNEE-MOREHEAD INC.	2325 LANASOL RD.	DORAVILLE	GA
6	3357 AT&T NETWORK CABLE SYS. ATLANTA WORKS	2000 N.E. EXPRESSWAY	NORCROSS	GA
7	2842 RECKITT & COLMAN INC. PRODUCTS INC.	4111 PLEASANTDALE RD.	ATLANTA	GA
9	2759 PLAID ENTS. DOVE PRINTING	3575 MCCALL PL.	ATLANTA	GA
10	2752 AMERICAN SIGNATURE FOOTE & DAVIES DIV.	3101 MCCALL DR.	DORAVILLE	GA
11	3499 AUTO VENTSHADE CO.	3571 BROAD ST.	CHAMBLEE	GA
12	2023 BUNGE FOODS GROUP	3582 MCCALL PL. N.E.	ATLANTA	GA
13	LARIBEE WIRE MFG. CO. INC.	2148 AMERICAN INDUSTRIAL WAY	ATLANTA	GA
14	2851 SOUTHEASTERN PAINT MFG. LTD.	3596 PIERCE DR.	CHAMBLEE	GA
15	2851 WATTYL PAINT CORP. FORMERLY PRECISION PAINT CORP	. 5275 PEACHTREE INDL. BLVD. BLVD.	CHAMBLEE	GA
16	3088 VADCO MARBLE OF GEORGIA INC.	5414 NEW PEACHTREE RD.	CHAMBLEE	GA
17	3672 H & L ELECTRONICS	5144 PEACHTREE RD.	CHAMBLEE	GA
18	2842 OXFORD CHEMICALS INC.	5001 PEACHTREE INDUSTRIAL BLVD.	CHAMBLEE	GA
19	3274 UNITED STATES GYPSUM CO.	4859 NEW PEACHTREE RD.	CHAMBLEE	GA
20	2752 FOOTE & DAVIES INC.	DORAVILLE	ATLANTA	GA

AREA WIDE 1994 TRI EMISSION PROFILE



Number without a Symbol denotes no reported emissions over 0.5 pounds per year

Chemical Name	Air Fugitive (Non-Point Source) Emissions	Air Stack (Point Source) Emissions	Surface La	-Site nd sposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS
GMC N.A. OPS MIDSIZE C	AR DIV.		SIC DESCRIPTION: SIC CODE: 3711	MOTO:	R VEHICLES	& CAR BODIE	S MAP 1	LOCATION NO:
3900 MOTORS INDL. WAY			710 0000 3711					
DORAVILLE	GA 30360							
METHANOL	2,277	27,640	0	0	29,917		6,092	•
N-BUTYL ALCOHOL	6,029	67,733	0 0	0	73,762		59,214	•
BENZENE METHYL ETHYL KETONE	250 7,985	0 29,638	0	0	250 37,623	0	0 50,990	-
CUMENE	124	657	0	0	781	0	82	82
ETHYLBENZENE	6,878	56,523	0	0	63,401	0	106,764	
ETHYLENE GLYCOL	3,427	250	0	0	3,677	1,692	0	-,
METHYL ISOBUTYL KETONE TOLUENE	3,308 11,233	34,239 35,295	0 0	0	37,547 46,528	1,462 0	213,403 52,805	
PROPYLENE	1,301	0 , 293	0	0	1,301	0	0 32,803	JZ,003
XYLENE (MIXED ISOMERS)		654,765	0	0	713,619		507,415	507,415
GLYCOL ETHERS	5,021	6,512	0	0	11,533	49,499	21,617	71,116
ZINC COMPOUNDS	0	0	0	0	0	250	952	1,202
	SUBTOTALS 106,687	913,252	0	0	1,019,939	52,903	1,019,334	1,072,237
	IAV CVCTEMC							
LORAL INFORMATION DISP	LAI SISIEMS		SIC DESCRIPTION:	SEAR	CH & NAVIGA	ATION EQUIPM	ENT MAP 1	LOCATION NO:
			SIC DESCRIPTION: SIC CODE: 3812	SEAR	CH & NAVIG	ATION EQUIPM	ENT MAP 1	LOCATION NO:
LORAL INFORMATION DISP: 6765 PEACHTREE INDUSTR ATLANTA				SEAR	CH & NAVIGA	ATION EQUIPM	ENT MAP 1	LOCATION NO:
6765 PEACHTREE INDUSTR ATLANTA	IAL BLVD.		SIC CODE: 3812	SEAR	CH & NAVIGA	-	ENT MAP 1	
6765 PEACHTREE INDUSTR ATLANTA	IAL BLVD. GA 30360 2289	0	O SIC DESCRIPTION	0		0	0	
6765 PEACHTREE INDUSTR ATLANTA	IAL BLVD. GA 30360 2289 SUBTOTALS 0	0	0 0	0	0	0	0	0

Chemical Name	(Non- Sou	gitive -Point rce) sions	Air Stack (Point Source) Emissions	Discharge to Surface Water	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS	
CIBA VISION CORP.				SIC DESCRIPT		THALMIC GOO	DS	MAP	LOCATION NO:	3
2910 AMWILER CT. ATLANTA	GA 30360		S	SIC CODE: 3	851					
	SUBTOTALS	0	0	0	0	0	0	0	0	
ADDIMENT INC.				SIC DESCRIPT	ION:			MAP	LOCATION NO:	4
6555 BUTTON GWINNETT DORAVILLE	DR. GA 30340		L	,10 0001						
	SUBTOTALS	0	0	0	0	0	0	0	0	
SCHNEE-MOREHEAD INC.				SIC DESCRIPT		ESIVES AND	SEALANTS	MAP	LOCATION NO:	5
2325 LANASOL RD. DORAVILLE	GA 30340			SIC CODE: Z	091					
	SUBTOTALS	0	0	0	0	0	0	0	0	
AT&T NETWORK CABLE SY	YS. ATLANTA WO	RKS		SIC DESCRIPT		W/INSULAT O	F NONFERROUS	S WIR MAP	LOCATION NO:	6
2000 N.E. EXPRESSWAY NORCROSS	GA 30071									
1,1,1-TRICHLOROETHANE DICHLOROMETHANE METHYL ETHYL KETONE COPPER HYDROCHLORIC ACID	3	8,400 6,900 57,000 0	250 2,900 21,000 0 6,500	5 5 0 250	0 0 0 0	9,805 78,000 250	5 0 5	8,005 13,255 23,250 1,600,750	13,260 23,250 1,600,755	
HYDROCHLORIC ACID HYDROGEN FLUORIDE SULFURIC ACID CHLORINE		250 250 250	2,100 0 250	0 0 0	0 0 0	2,350 250	0	250 250 5 0	250 5	
	SUBTOTALS	73,800	33,000	260	0	107,060	265	1,645,765	1,646,030	

Chemical Name	Air Fugitiv (Non-Point Source) Emissions		Air Stack (Point Source) Emissions	to Surface	On-Site Land Disposal	TOTAL RELEAS		scharge POTW Tr	ansfer	TOTAL TRANSFERS	
RECKITT & COLMAN INC.	PRODUCTS INC.			IC DESCRIPT: IC CODE: 28		CIALTY C	LEANING	G, POLISHING	MAP	LOCATION NO:	7
ATLANTA	GA 30340										
METHANOL PROPOXUR		0	750 0	0 0	0		750 0	0 0	0 1,282		
	SUBTOTALS	0	750	0	0		750	0	1,282	1,282	
PLAID ENTS. DOVE PRINT	FING			IC DESCRIPT: IC CODE: 2'		MERCIAL	PRINTIN	IG, NEC	MAP	LOCATION NO:	9
3575 MCCALL PL. ATLANTA	GA 30340										
	SUBTOTALS	0	0	0	0		0	0	0	0	
AMERICAN SIGNATURE FOO	OTE & DAVIES DIV.			IC DESCRIPT		MERCIAL	PRINT,	LITHOGRAPHI	C MAP	LOCATION NO:	10
3101 MCCALL DR. DORAVILLE	GA 30340										
	SUBTOTALS	0	0	0	0		0	0	0	0	
AUTO VENTSHADE CO.				IC DESCRIPT		RICATED	METAL F	PRODUCTS NEC	MAP	LOCATION NO:	11
3571 BROAD ST. CHAMBLEE	GA 30341		S	TC CODE: 34	±JJ						
	SUBTOTALS	0	0								

Chemical Name	Air Fug (Non-F Soure Emiss	oint ce)	Air Stack (Point Source) Emissions	to Surface	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS	
BUNGE FOODS GROUP				GIC DESCRIPT		ENSED AND	EVAPORATED N	MILK MAP	LOCATION NO:	12
3582 MCCALL PL. N.E. ATLANTA	GA 30340		S	SIC CODE: 2	023					
PHOSPHORIC ACID		0	0	0	0	(264	(264	
	SUBTOTALS	0	0	0	0	(264	(264	
LARIBEE WIRE MFG. CO.	INC.			SIC DESCRIPT	ION:			MAP	LOCATION NO:	13
2148 AMERICAN INDUSTR ATLANTA	IAL WAY GA 30341		5	SIC CODE:						
	SUBTOTALS	0	0	0	0	(0	(0	
SOUTHEASTERN PAINT MF	G. LTD.			SIC DESCRIPT		TS/VARNIS	H/LACQUERS/EN	NAMEL MAP	LOCATION NO:	14
3596 PIERCE DR. CHAMBLEE	GA 30341									
	SUBTOTALS	0	0	0	0	(0	(0	
WATTYL PAINT CORP. FO		ON PAIN		SIC DESCRIPT		TS/VARNIS	H/LACQUERS/EN	NAMEL MAP	LOCATION NO:	15
CHAMBLEE	GA 30341									
ETHYLENE GLYCOL XYLENE (MIXED ISOMERS)	22 2,368	5 44	0	0	2, 2,412		33,402		
	SUBTOTALS	2,390	49	0	0	2,439	9 206	33,402	33,608	

Chemical Name	Air Fu (Non- Sour Emiss	Point ce)	Air Stack (Point Source) Emissions	Discharge to Surface Water	On-Site Land Disposal	_	TAL LEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS	
VADCO MARBLE OF GEORGIA 5414 NEW PEACHTREE RD. CHAMBLEE	A INC. GA 30341	2821		IC DESCRIPTION OF THE CODE:		ASTIC	S PLUMBI	NG FIXTURES	MAP	LOCATION NO:	16
STYRENE	SUBTOTALS	3,137	4,561 4,561	0		0	7,698 7,698	0	0		
H & L ELECTRONICS 5144 PEACHTREE RD. CHAMBLEE	GA 30341			IC DESCRIPTIC CODE:		INTED	CIRCUT	BOARD	MAP	LOCATION NO:	17
\$	SUBTOTALS	0	0	0		0	0	0	O	0	
OXFORD CHEMICALS INC. 5001 PEACHTREE INDUSTRE	IAL BLVD. GA 30341			IC DESCRIPTIC CODE: 2		ECIAL'	TY CLEAN	IING, POLISH	ING MAP	LOCATION NO:	18
:	SUBTOTALS	0	0	0		0	0	0	0	0	
UNITED STATES GYPSUM CO 4859 NEW PEACHTREE RD. CHAMBLEE	O. GA 30341			IC DESCRIPTIC CODE:		ME			MAP	LOCATION NO:	19
9	SUBTOTALS	0	0	0		0	0	0	0	0	

Chemical Name	Air Fugitive (Non-Point Source) Emissions	Air Stack (Point Source) Emissions	to Surface	On-Site Land Disposal	TOTAL RELEASES	Discharge to POTW	Transfer	TOTAL TRANSFERS
FOOTE & DAVIES INC. DORAVILLE ATLANTA	GA 30340		SIC DESCRIP SIC CODE:	TION: CO 2752	MMERCIAL PRI	NT, LITHOGRA	PHIC MAP	LOCATION NO:
	SUBTOTALS	0 0	0 0		0 0	0	C	0

